

MCPH1 Antibody

Catalog No: #35323

Package Size: #35323-1 50ul #35323-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

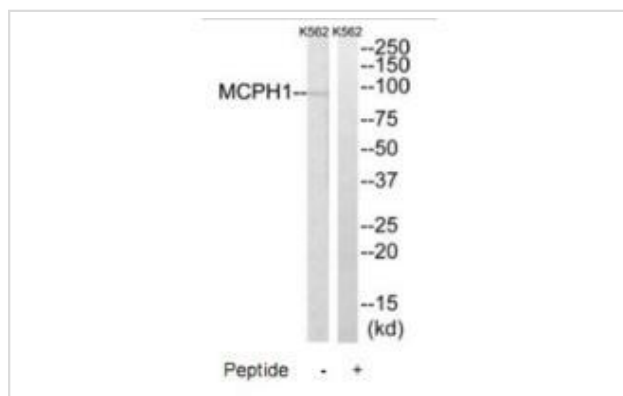
Product Name	MCPH1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MCPH1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MCPH1.
Target Name	MCPH1
Other Names	Microcephalin; MCPH1;
Accession No.	Swiss-Prot: Q8NEM0NCBI Gene ID: 79648
Uniprot	Q8NEM0
GeneID	79648;
SDS-PAGE MW	93kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

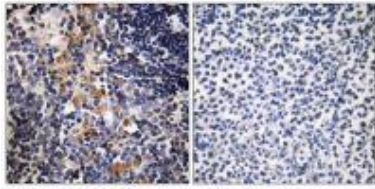
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from K562 cells, using MCPH1 antibody #35323.

Immunohistochemistry analysis of paraffin-embedded human thymus gland tissue using MCPH1 antibody #35323.



Background

Implicated in chromosome condensation and DNA damage induced cellular responses. May play a role in neurogenesis and regulation of the size of the cerebral cortex.

Lander E.S., Nature 439:331-335(2006).

Sugano S., Nat. Genet. 36:40-45(2004).

Xu X., Cell Cycle 5:457-458(2006).

Note: This product is for in vitro research use only